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CREATE TABLE businessEntity (
    ID integer,
    location varchar(255),
    address varchar(255),
    phone varchar(255),
    webloc varchar(255),
    contactinfo varchar(255),
    PRIMARY KEY(ID)
)

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CREATE TABLE shipper (
    shipper varchar(255),
    PRIMARY KEY(shipper)
)

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CREATE TABLE shippingPrice (
    minPackPrice real,
    pricePerLB real,
    amt1 integer,
    disc1 real,
    amt2 integer,
    disc2 real,
    ID integer,
    shipper varchar(255),
    PRIMARY KEY(ID, shipper),
    FOREIGN KEY(ID) REFERENCE businessEntity ,
    FOREIGN KEY(shipper) REFERENCE shipper
)

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CREATE TABLE Item (
    Item varchar(255)
    unitWeight real,
    PARIMARY KEY(Item)
)

```

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CREATE TABLE discount_suppliesDiscount (
    amt1 integer,
    disc1 real,
    amt2 integer,
    disc2 real,
    ID integer NOT NULL,
    PRIMARY KEY(ID),
    FOREIGN KEY(Supplier)
)

```

```

CREATE TABLE customer (
    ID integer
    PRIMARY KEY(ID),
    FOREIGN KEY(ID) REFERENCE businessEntity
)
CREATE TABLE manufacturer (
    ID integer
    PRIMARY KEY(ID),
    FOREIGN KEY(ID) REFERENCE businessEntity
)
CREATE TABLE supplier (
    ID integer
    PRIMARY KEY(ID),
    FOREIGN KEY(ID) REFERENCE businessEntity
)
CREATE TABLE customerDemand (
    ID integer,
    Item varchar(255),
    qty integer,
    PRIMARY KEY(ID, Item),
    FOREIGN KEY(ID) REFERENCE customer,
    FOREIGN KEY(Item) REFERENCE Item
)
CREATE TABLE productItem (
    Item varchar(255),
    qty integer,
    PRIMARY KEY(Item),
    FOREIGN KEY(Item) REFERENCE Item
)
CREATE TABLE supplyPerUnit (
    ID integer,
    Item varchar(255),
    ppu real,
    PRIMARY KEY(ID, Item),
    FOREIGN KEY(ID) REFERENCE supplier,
    FOREIGN KEY(Item) REFERENCE Item
)
CREATE TABLE supplyOrders (
    ID integer,
    Item varchar(255),
    qty integer,
    PRIMARY KEY(ID, Item),

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        FOREIGN KEY(ID) REFERENCE supplier,
        FOREIGN KEY(Item) REFERENCE Item
    )
CREATE TABLE manufOrders (
    ID integer,
    qty integer,
    Item varchar(255),
    PRIMARY KEY(ID) REFERENCE customer,
    PRIMARY KEY(Item) REFERENCE Item
)
CREATE TABLE manufPrice (
    ID integer,
    setUpCost real,
    prodCost real,
    Item varchar(255),
    PRIMARY KEY(ID) REFERENCE customer,
    PRIMARY KEY(Item) REFERENCE Item
)
CREATE TABLE discountManuf_manyDisc (
    amt1 integer,
    disc1 real,
    ID integer NOT NULL,
    PRIMARY KEY(ID),
    FOREIGN KEY(ID) REFERENCE manufacturer
)

```